

A method and structure for an image processing apparatus that includes an image bearing surface adapted to receive electrostatically charged toner, a cleaning brush adapted to remove waste particles from the image bearing surface, a detone roller adapted to remove the waste particles from the cleaning brush, and a speed controller adapted to maintain a rotational speed of the cleaning brush above a minimum speed below which the waste particles would not be removed from the image bearing surface and below a maximum speed above which the waste particles would be thrown from the cleaning brush.

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